Installation and dependencies for attack unit

Install Kali 1.0 raspberry ARMEL image

Write the image file to the SD card used for the attack berry

```
# zcat kali.1.0.img.gz > /dev/mmcblk0
```

- remove and plug into raspberry
- boot berry

-at prompt, login with root/toor
- change password for root

```
# passwd
```

Now resize the main partition to the max space available on the SD card

```
# fdisk /dev/mmcblk0
d (delete)
2 (main partition)
n (new partition definition)
p (primary)
2 (second partition)
enter (min is original start address)
enter (max default is drive limit)
w (write changes)
```

Restart, then tell the disk to resize the inode mapping to the new size.

```
# reboot
...(login)
# resize2fs /dev/mmcblk0p2
```

Install dependencies

Install the following packages:
miniupnpc - UPnP manipulation of the firewall gateway

apache2 - hosting of manipulated files
squid3 - transparent proxy support and URL manipulation
imagemagick - image conversion tools
jp2a - jpeg-to-ascii support for image foolery

```
#apt-get update; apt-get install apache2 squid3 imagemagick miniupnpc jp2a
```

Install Moca attack package

Copy the pacakge to the attack unit.

```
$ scp caffeinated_moca.tgz root@attack.unit:/root
```

On the moca attack unit, extract the package, then place the scripts

```
# cd /root
# tar xvfz caffeinated_moca.tgz
# cp -a opt/squid3 /opt
# cp -a etc/squid3/* /etc/squid3
# cp -a var/www/* /var/www
# cp kali_rc.local /etc/rc.local
```

Modify to suit

We want the full functionality to come up at boot, so add this line to the /etc/rc.local file
 # vi /etc/rc.local
...
upnpc …
sleep 20;
service apache2 start
/root/caffeinated.sh uselessWeb.pl
exit 0

Check one of the other local node's ARP tables to ensure poisoning is complete and operating properly. With the above configuration, every approx 1/10 or so web requests should redirect to some random waste of Internet bandwidth, which demonstrates the subversive nature of the attack.